

Subfamily 2. *SETHOPERIDA*, Haeckel, 1881, *Prodromus*, p. 433.

Definition.—*Tripocyrtida* with the basal mouth of the shell fenestrated (vel *Dicyrtida triradiata clausa*).

Genus 550. *Sethopera*,¹ Haeckel, 1881, *Prodromus*, p. 433.

Definition.—*Sethoperida* (vel *Dicyrtida triradiata clausa*), with three divergent ribs enclosed in the latticed wall of the thorax. Cephalis with a horn.

The genus *Sethopera* is probably the oldest form of the *Sethoperida*, and may therefore be regarded as the common ancestral form of this subfamily. The thorax exhibits three radial ribs, which are completely enclosed in its wall. *Sethopera* may be derived either from *Dictyophimus* or from another of the *Sethopilida* (*Lamprodiscus*, *Clathrocanium*) by development of a basal lattice-plate closing the mouth). There are often wide holes or open spaces between the three radial ribs.

1. *Sethopera tricostata*, n. sp. (Pl. 97, fig. 11).

Cephalis subspherical, spinulate, with a pyramidal horn of the same length. Length of the two joints = 5 : 8, breadth = 5 : 8. Thorax also nearly spherical; in the upper half with three stout, prismatic, convex, divergent ribs, and three large ovate holes between them; in the lower half with numerous small and irregular pores, spinulate.

Dimensions.—Cephalis 0.05 diameter; thorax 0.08 diameter.

Habitat.—Western Tropical Pacific, Station 225, depth 4475 fathoms.

2. *Sethopera oceania*, Haeckel.

Lithopera oceania, Ehrenberg, 1872, *Abhandl. d. k. Akad. d. Wiss. Berlin*, p. 297, Taf. iv. fig. 21.

Cephalis hemispherical, with a small bristle-shaped horn of half the length (broken off in Ehrenberg's figure). Length of the two joints = 3 : 4, breadth = 3 : 4. Thorax nearly spherical; in the upper half with three divergent ribs, separated by some larger, irregular pores; in the lower half with numerous small, irregular, roundish pores.

Dimensions.—Cephalis 0.03 long, 0.03 broad; thorax 0.04 long, 0.04 broad.

Habitat.—North Atlantic, Station 354, surface; Canary Islands and Azores.

3. *Sethopera pyrum*, Haeckel.

† *Lithopera pyrum*, Ehrenberg, 1872, *Abhandl. d. k. Akad. d. Wiss. Berlin*, p. 297.

Cephalis hemispherical, with a small conical horn of half the length. Length of the two joints = 3 : 10, breadth = 3 : 7. Thorax pear-shaped, with rather large, regular, quincuncial pores;

¹ *Sethopera* = Sieve-pouch; σήβα, πήρα.